INFRARED QUARTZ FIREPLACE

MODEL #LS2002FRP13

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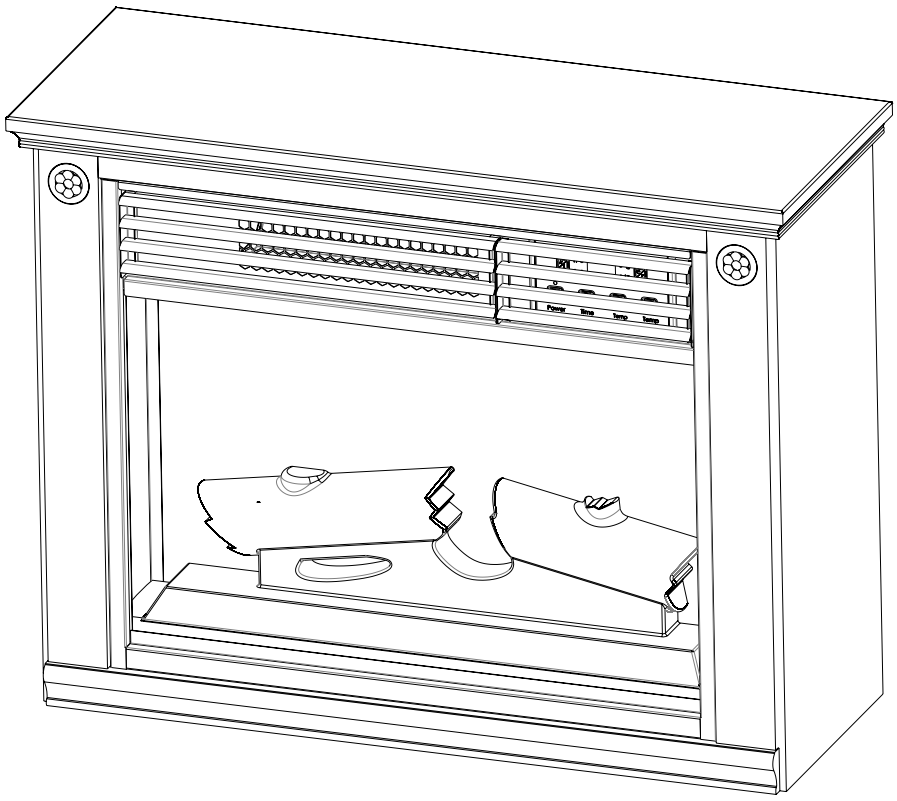

ATTACH YOUR RECEIPT HERE

Purchase Date _____Serial Number (located on back of unit) _____

Questions, problems, missing parts? Contact technical support department at **1-866-484-2066, 8:00 a.m. - 5 p.m., CST, Monday - Friday** or www.@lifecorpproducts.com
Please have your model and serial number ready

REV2-051514

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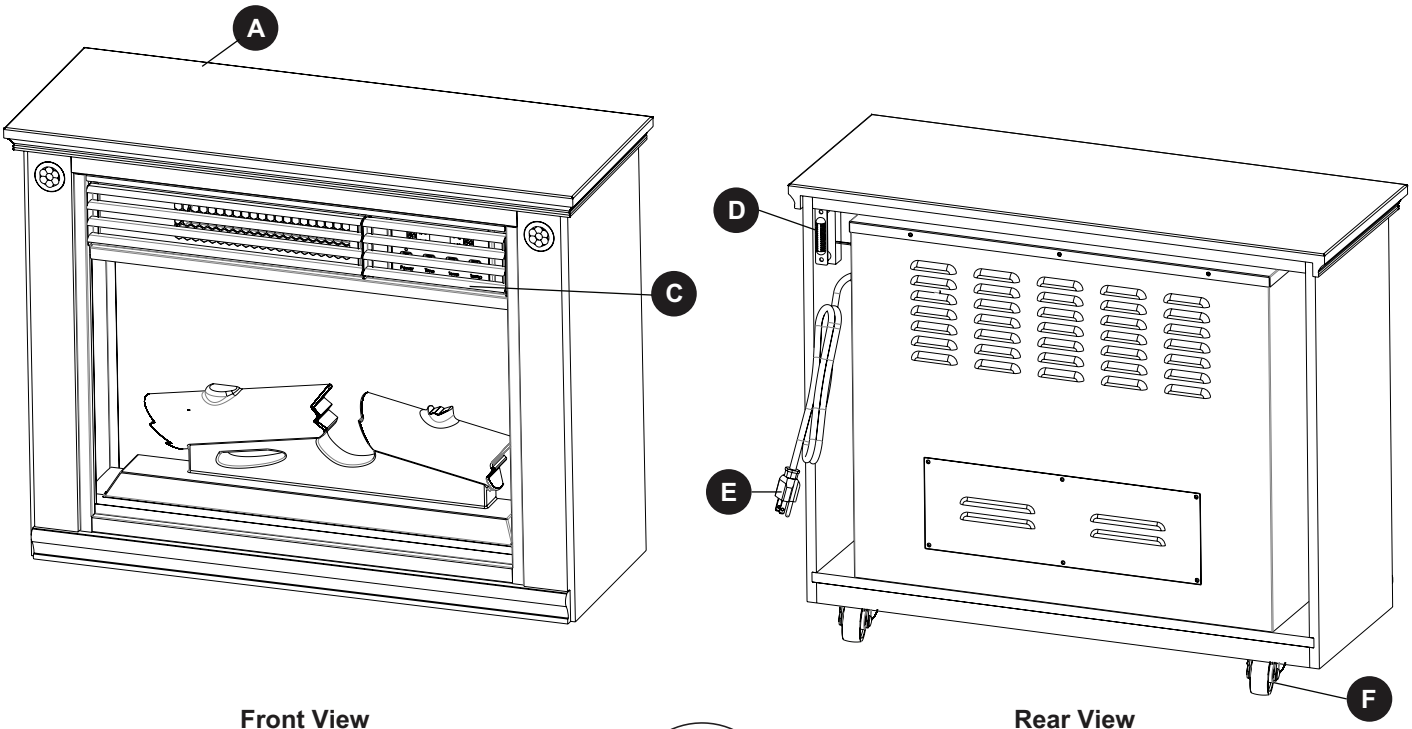
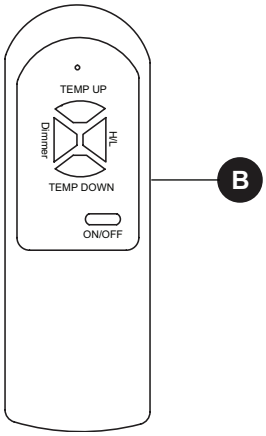


Front View **Rear View**



PART	DESCRIPTION	QUANTITY
A	Infrared Heater	1
B	Remote Control	1
C	Control Panel (preassembled to Infrared Heater (A))	1
D	Temperature Sensor (preassembled to Infrared Heater (A))	1
E	3-prong Power Cord (preassembled to Infrared Heater (A))	1
F	Caster Wheels (preassembled to Infrared Heater (A))	4

⚠ SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate, or install the product.

IMPORTANT SAFETY INSTRUCTIONS

⚠ **WARNING**: POTENTIAL ELECTRICAL HAZARD IF NOT ADHERED TO. When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- This heater must be plugged into a 120 V, 15 amp (or more) circuit of its own. Do not plug anything else into the same circuit. If unsure if your home meets this specification, consult a certified electrician prior to use. **Risk of fire, overheating, malfunction, property damage, injury, or even death may result if not adhered to!**
- Connect to a properly grounded, 3-prong outlet only. Do not connect the heater to extension cords, surge protectors, timers, direct breakers, or an outlet with other appliances connected to the same outlet. **Risk of fire, overheating, malfunction, property damage, injury, or even death may result if not adhered to!**
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Use handles (certain models) or wheels to move this heater.
- Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 ft. (0.9 m) from the front of the heater and keep them away from the sides and rear of the heater.
- Extreme caution is necessary when any heater is used by or near children, invalids, pets, or when the heater is left operating unattended.
- Always unplug the heater when not in use.
- Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped, or damaged in any manner. Contact the manufacturer for resolution options.
- Do not use outdoors. Exposure to outdoor elements such as rain, snow, sun, wind, or extreme temperatures may cause the heater to become a safety hazard.
- This heater is not intended for use in bathrooms, laundry areas, and similar indoor locations, nor any locations that use GFCI outlets.
- Never place the heater where it may fall into a bathtub or other water receptacles.
- Do not run the cord under carpet. Do not cover the cord with throw rugs, runners, or similar coverings. Arrange the cord away from traffic areas and where it will not be tripped over.
- The heater must be plugged into a wall outlet that is a dedicated circuit with a minimum 15 amp rating on that individual circuit.
- To disconnect the heater, first turn the power button to the OFF position and then remove the plug from the wall outlet.
- Do not allow foreign objects to enter or block any ventilation or exhaust opening as this may cause electric shock, fire, or damage the heater.
- Allow at least 3 ft. of unobstructed space to the front and rear of the heater to allow for maximum heat, air, and ventilation flow.
- A heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored, nor use flammable solvents to clean the heater. Keep the heater dry at all times.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Do not use abrasive solvents to clean the heater as it may cause damage to the finish or casing.

⚠ SAFETY INFORMATION

Tip-Over Safety Feature

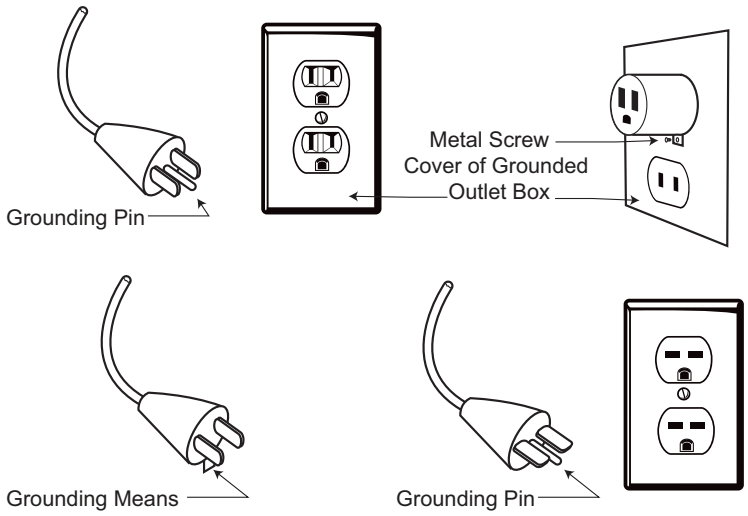
This heater is equipped with a tip-over safety feature. Once the heater is tipped over, an internal switch will automatically shut the heater off. Once the heater is restored to an upright position, the heater will reset. To continue operation, turn on the heater using the supplied remote control or the control panel on the heater.

Overheat Safety Feature

This heater is equipped with an overheat safety feature. When the internal components of the heater reach a certain temperature that could cause overheating or possible fire, the heater will automatically shut off.

⚠ **WARNING**: This heater has a voltage rating of 120 volts. The cord has a three-blade, grounding-type plug. An adapter is available for connecting three-blade grounding-type plugs to two-slot receptacles. The grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.



⚠ **WARNING**: It is normal for the power cord to feel warm to the touch. However, a loose fit between the outlet and the plug may cause overheating of the plug. If this occurs, try inserting the plug into a different outlet. Contact a qualified electrician to inspect the original outlet for damage.

Specifications

Voltage Rating	120 V (60 Hz)
Power Consumption	1,000 W/1,500 W
Unit Size	28.3 in. (W) x 10.7 in. (D) x 22.6 in. (H)
Unit Weight	45.0 lbs.

FREQUENTLY ASKED QUESTIONS

Please review these frequently asked questions on the next few pages prior to using your heater.

Q. My heater emits a strange odor when I first open the box and when I turn the heater on for the first time. Why is this happening?

A. This is normal. This heater is treated with a special heat safe/resistant coating. This odor will sometimes be present when the box is opened. When the coating is exposed to heat, it produces this particular odor during the first few hours of operation. This will dissipate after the break-in period. If you are sensitive to odors, you may want to pre-burn the unit in a garage with the door open until the initial odor dissipates.

Q. If my heater runs on approximately 1,500 watts, how many BTUs is that? Is that a lot of heat?

A. At 1,500 watts, your heater will produce approximately 5,100 BTUs. This heater is intended to be used as supplemental heat in areas most needed. It may take several minutes to several hours to heat your area, depending on various factors.

Q. Can the heating elements be replaced?

A. Replacement heating elements can be obtained from the manufacturer. All parts may be purchased through the manufacturer if your product is out of warranty. If you feel that the elements are definitely faulty right out of the box, contact technical support. A representative can then direct you to the next step.

Q. Once I plug the unit in and turn it on, how long will it take to heat my room?

A. The heating process in the heater begins immediately upon powering on and setting the desired temperature above the ambient temperature. A noticeable change in the ambient temperature of the room will vary due to variables such as the location of the heater (in the home), floor plan and size of the room, how well the room is insulated, how many doors/windows, how much bare concrete (acts as a heat sink with any type of heating), the opening and closing of an exterior door, long hallways, high ceilings, etc. Customers with smaller rooms experience quick heat changes. Rooms with larger and open floor plans can expect up to 24 hours to completely heat up.

Q. I do not have a grounded outlet. Can I use a 2-prong power strip, or remove the ground prong from the cord?

A. NO! If you do not have a grounded outlet, contact a certified electrician for advice. Removing or altering any part of the heater's original design or intent (including the power cord) will void the warranty and make you liable for any unexpected or hazardous results.

FREQUENTLY ASKED QUESTIONS

Q. The temperature on my heater does not match the temperature display on my wall, or external thermostat. Why?

A. This is completely normal. The temperature display on your heater may vary from the temperature display on another thermostat (like the one mounted to your wall or a purchased external thermostat). This is because the temperature sensor on the heater reads the temperature directly around the heater. With the heater near the cold floor (and heat rising), any readings on elevated or external thermostats will differ in readings on the heater. The best way to operate your heater is to set the unit on High and dial up to a temperature that feels comfortable to you. Then, leave it at that temperature, regardless of the mismatch. The heater will cycle off when the set temperature is met or exceeded slightly.

Q. Can I use more than one heater at a time? Can I use the heater and another appliance at the same time?

A. Yes, but make sure they are not plugged into the same circuit. Each heater requires its own minimum 15-amp circuit with no other items plugged into that circuit or outlet. This is because heaters are considered appliances and draw out high amperage. If you are unsure whether your circuit meets these requirements, verify with a certified electrician.

⚠ **WARNING**: Risk of fire, damage to property, or injury may result if requirements are not met.

Q. Why does my heater's fan continue to run after the set temperature is reached or the power is turned off?

A. This is normal. The heater's fan will continue to run even after the heater automatically cycles down. The fan continues to run so that every last bit of heat is blown out of the heat chamber while allowing the unit to continue filtering your air. Once the internal box/components cool completely, the fan should then shut off on its own. In this case, allow a few minutes after the heat cycles off (with power on). The fan will shut off faster when the power is turned off.

Q. My heater's display shows my ambient temperature to be in the 20s when I know it is warmer than that. Why?

A. The heater's display is defaulted to read the temperature as Fahrenheit. If your heater is definitely heating but shows it is in the 20s you probably have the setting to read your temperature in Celsius rather than Fahrenheit.

Q. My heater's power cord gets warm. My cord is showing signs of heat or melting at the outlet. Is this normal?

A. A warm power cord is normal. These power cords are rated safe for up to 105°C/ 221°F by the UL, CSA, or ETL. The exception is, if you detect heat, smoke, or signs of melting at the contact point of the wall outlet, it may be due to loose or worn wall contacts (or arcing). Please stop using the heater immediately, contact warranty support for a replacement power cord, and have a certified electrician replace the wall outlet as soon as possible.

PREPERATION

Place the heater on a firm, level surface and plug into a grounded 120 V, 60 Hz power outlet. Only operate heater in upright position.

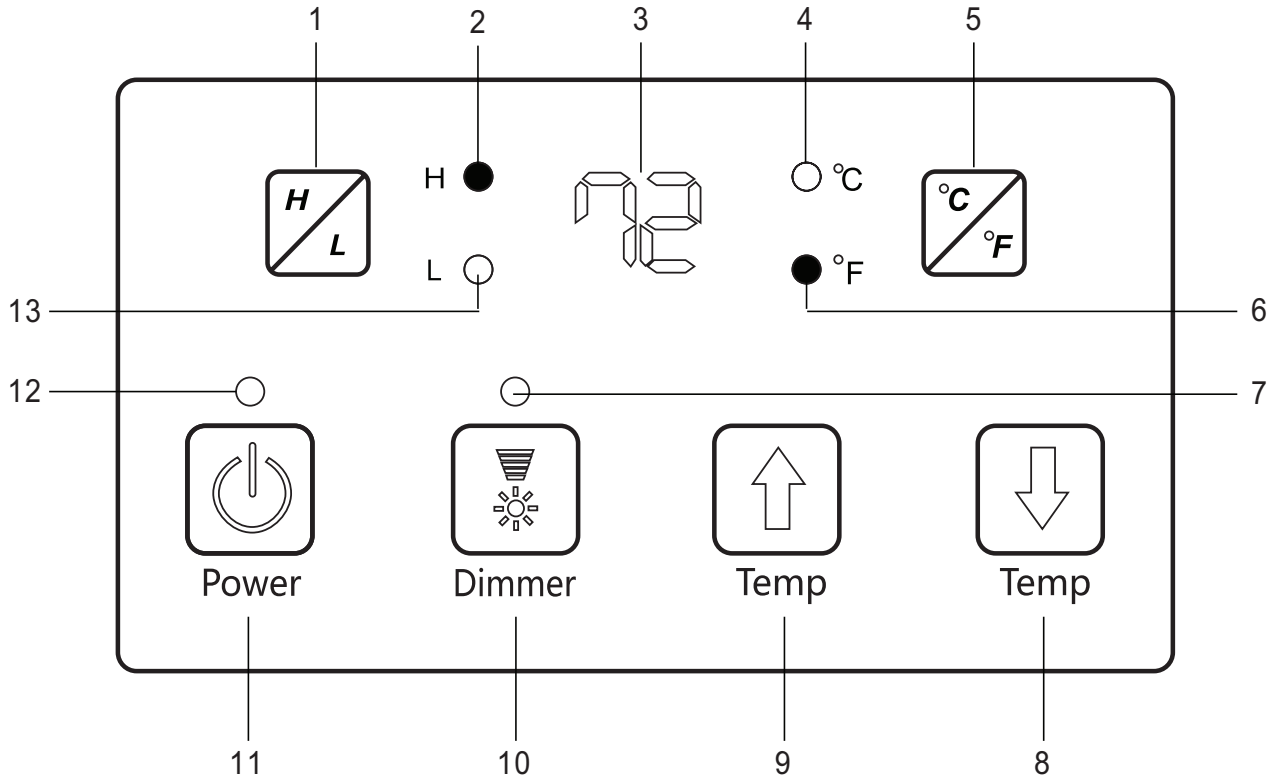
Insert two AAA batteries into the remote control before using (batteries not included).

Please note that infrared heaters do not heat like a traditional space heater. You should not expect infrared heaters to blow hot air like a traditional space heater. Infrared heaters heat objects not air. Infrared heaters are intended to supplement an already heated, insulated room. Square footage specifications assume a single enclosed room not an entire home. Infrared heaters do not heat through walls, floors, and are not intended to replace a main heat source. Infrared heat can take at least 24 hours to warm a room but operate much more efficiently to maintain the desired temperature. Infrared heaters will not work well in uninsulated unheated spaces like screened in porches, RV's, garages, unheated basements, etc.

TROUBLESHOOTING

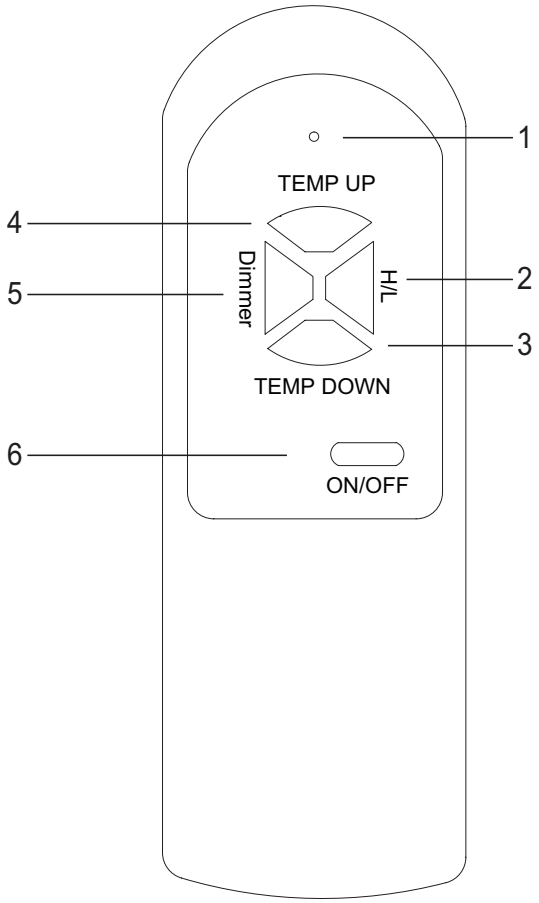
PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The heater does not turn on.	1. The power cord is not plugged in. 2. The electricity at the main fuse box is not working. 3. The battery in the remote control is dead. 4. The thermostat on the heater is set lower than the room temperature.	1. Plug the power cord into an electrical outlet. 2. Check the electricity at the main fuse box. 3. Replace the batteries in the remote control. 4. Increase the thermostat temperature on the heater for a higher heat setting.
The heater displays an error code "E1"	1. The heater has overheated. 2. Insufficient power to the unit 3. Insufficient air flow to the heater.	1. Unplug the heater from the wall, wait a few seconds then plug the power cord back in. 2. Make sure the unit is plugged into a dedicated 3-prong outlet, with no extension cords or surge protectors. 3. Move the unit at least 3ft from the wall.
The heater displays an error code "E2"	1. Temperature sensor not functioning properly.	1. Please contact technical support.

CONTROL PANEL



PART	NAME	DESCRIPTION
1	Mode Button	Toggles between High and Low modes
2	High Heat indicator	Indicates when High Heat mode is on
3	Digital Display	Readout of the set room temperature or timer value
4	Celsius Indicator Light	Indicates that the temperature is being displayed in Celsius
5	C/F Button	Toggles between celsius and fahrenheit
6	Fahrenheit Indicator Light	Indicates that the temperature is being displayed in Fahrenheit
7	Flame Indicator Light	Indicates when flame effect is on
8	Temp-Down Button	Decreases the set temperature
9	Temp-Up Button	Increases the set temperature
10	Dimmer Button	Toggles between three flame effect brightness levels
11	Power Switch Button	Powers the heater ON or OFF
12	Power Indicator Light	Indicates when the unit is receiving power from the wall outlet
13	Low Heat Indicator	Indicates when Low Heat mode is on

REMOTE CONTROL

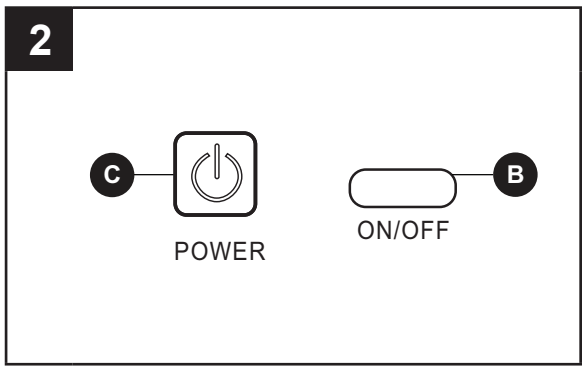


PART	NAME	DESCRIPTION
1	LED Indicator Light	Illuminates when any button is pressed on the remote control
2	Heater Mode Button	Toggles between the two heat modes available
3	Temp Down Button	Decreases the set temperature value
4	Temp Up Button	Increases the set temperature value
5	Dimmer Button	Toggles between three available flame effect brightness modes
6	ON/OFF Button	Powers the heater on or off

OPERATING INSTRUCTIONS

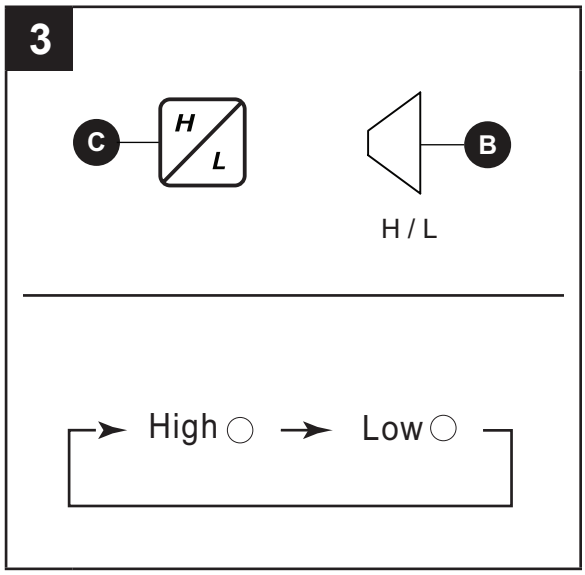
1. Turn the heater on or off by pressing the Power button on the control panel (C) or by pressing the ON/OFF button on the remote control (B).

   Once the power is off, heating elements will stop working first. The fan will continue working for up to 3 minutes to dispense residual heat inside the heater. This is a normal function.



2. Select a heat setting by pressing the MODE button on either the control panel (C) or the remote control (B) to toggle between the two heat settings.

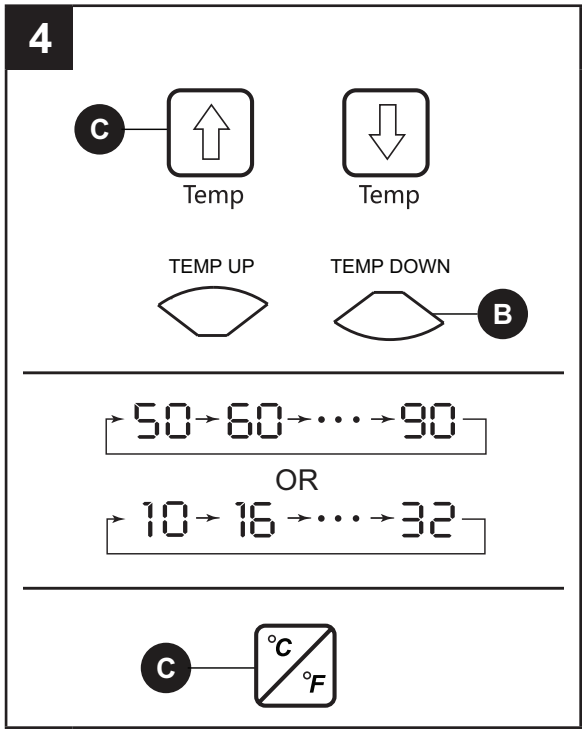
   Power for heat-up mode is 1,500 W; heat-down is 1,000 W.



3. Set the thermostat by pressing the arrows on the control panel (C) or the remote control (B).

   You can set the temperature on the heater anywhere between 50°F and 90°F or between 10°C and 32°C. Once you have chosen the desired temperature, the heater will remain on until the room temperature increases to the temperature on the digital display. The heater will cycle on and off to maintain the desired room temperature.

   Press the °C/°F button on the control panel (C) to switch the digital display indicator on the heater between Fahrenheit and Celsius.

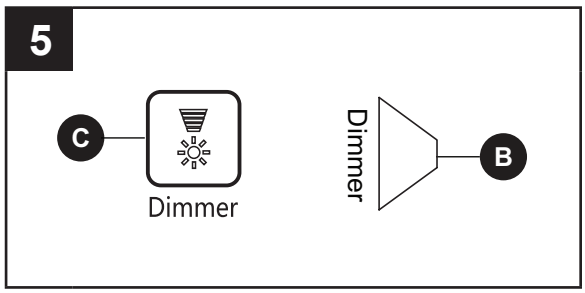


OPERATING INSTRUCTIONS

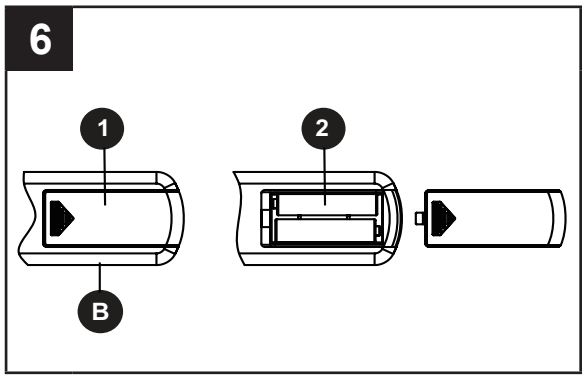
4. To power on or adjust the flame effect brightness, press the Dimmer button on the control panel (C) or remote control (B)

Note: The flame effect function can be set when the heater is in the on or off mode.

The unit will cycle between, high, medium, low and off brightness levels



5. To replace the batteries, remove the battery cover (1) from the remote (B) by applying pressure to the battery cover (1) and sliding it away from the remote (B). Insert two AAA batteries (not included) (2) and close the remote by placing the battery cover (1) back on the remote (B).



CARE AND MAINTENANCE

⚠ **WARNING**: Before performing any maintenance task, unplug the unit, and allow it to cool completely.

1. To keep the heater clean, clean the outer shell with a soft, damp cloth. Use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth.

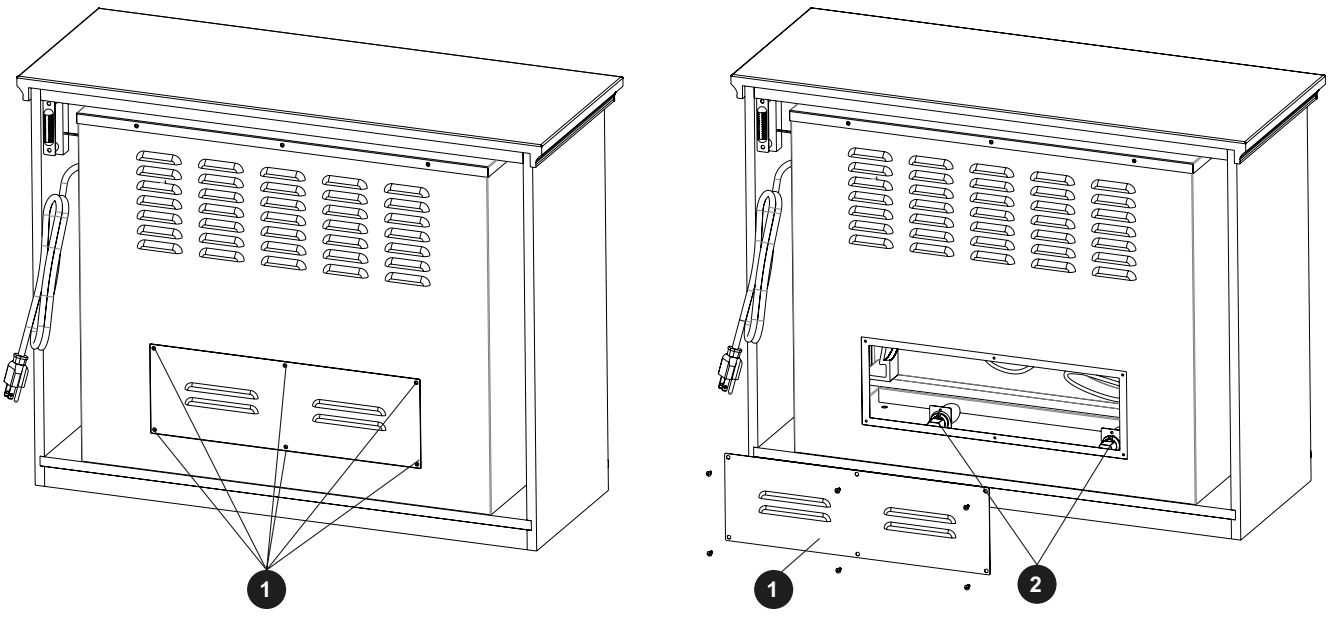
CAUTION: DO NOT let liquid enter the heater.

2. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
3. DO NOT immerse the heater in water.
4. Wait until the unit is completely dry before use.
5. If you will not be using the heater for a while, take the batteries out of the remote control and store for future use.
6. Store the heater in a cool, dry location when not in use. To prevent dust and dirt build-up, use the original packaging to repack the unit.

REPLACING THE FLAME EFFECT BULB - Bulb Requirements: E12 (small) Socket Base (2) Max 40 watts.

1. To repalce the flame effect bulbs (2), with the heater unplugged first remove the access panel (1) by removing the six screws holding the panel in place. Remove and replace the two light bulbs (2) by unscrewing each bulb slowly from the socket base.
2. Reassemble and reinstall the access panel (1).

⚠ **WARNING**: Do not replace heater light bulbs immediately after use or during heater operation.



ONE-YEAR LIMITED WARRANTY

The manufacturer warrants this heater against defects in materials and workmanship on functional parts, for a period of 1 year from the original date of purchase. Your sales receipt showing the date of purchase of the product is your proof of purchase. Keep it in a safe place for future reference.

This product is made with the highest quality materials and is warranted to be free from defects in materials and workmanship at the time of purchase. This limited warranty applies to products manufactured or distributed by the manufacturer, are delivered in the continental United States, and extends to the original purchaser, or gift recipient. This warranty becomes valid at the time of purchase and terminates either by the specified time frame listed above and/or owner transfer. Any refunds or monetary compensations must be claimed through the place of purchase (retailer), and not through the manufacturer. Any extended warranties (warranties that cover above and beyond this manufacturer warranty) that are sold through a retailer or third party, are not directly correlated with this products' limited warranty, and may be redirected to said retailer or third party for coverage.

This warranty extends through the manufacturer of the product, and covers functional parts only. Cosmetics are not covered, unless unequivocally determined it is a workmanship defect. Shipping damage should be addressed with the shipping company, retailer, or place of purchase, not the manufacturer unless the manufacturer was the direct shipper.

The manufacturer's sole obligation under this warranty shall be limited to furnishing the original purchaser replacement parts for units deemed repairable by the supplier's warranty department. The purchaser is responsible for insuring any parts shipped or returned, if desired. The purchaser is responsible to prepay any shipping charges (both ways) including, but not limited to taxes and duties. All exchanged parts and products replaced under this warranty will become the property of manufacturer. The manufacturer reserves the right to change manufacturers of replacement parts or products for use, in order to cover any existing warranty.

The purchaser may be asked to provide the supplier with proof of purchase documents (including the date of purchase) if requested. Any evidence of alteration, erasing, or forgery of proof of purchase documents will be just cause to VOID this limited warranty. Products, in which the serial number has been defaced or removed are not eligible for warranty coverage.

This warranty does not apply if the unit has been subject to negligence, fabrication, misuse, abuse, or repairs, alteration by non-manufacturer authorized personnel, inappropriate installations, or any case beyond the control of the manufacturer. Examples of warranty invalidation may also include, but are not limited to:

- Use of lacquer or paints in (and around) the heaters
- Heater placed on non-approved surfaces
- Electrical requirement deficiencies (15-20 amp dedicated outlet)
- Use on extension cords/timers/surge protectors/GFCI
- Outdoor applications
- Normal wear/tear/weathering
- Pet/consumer accidents

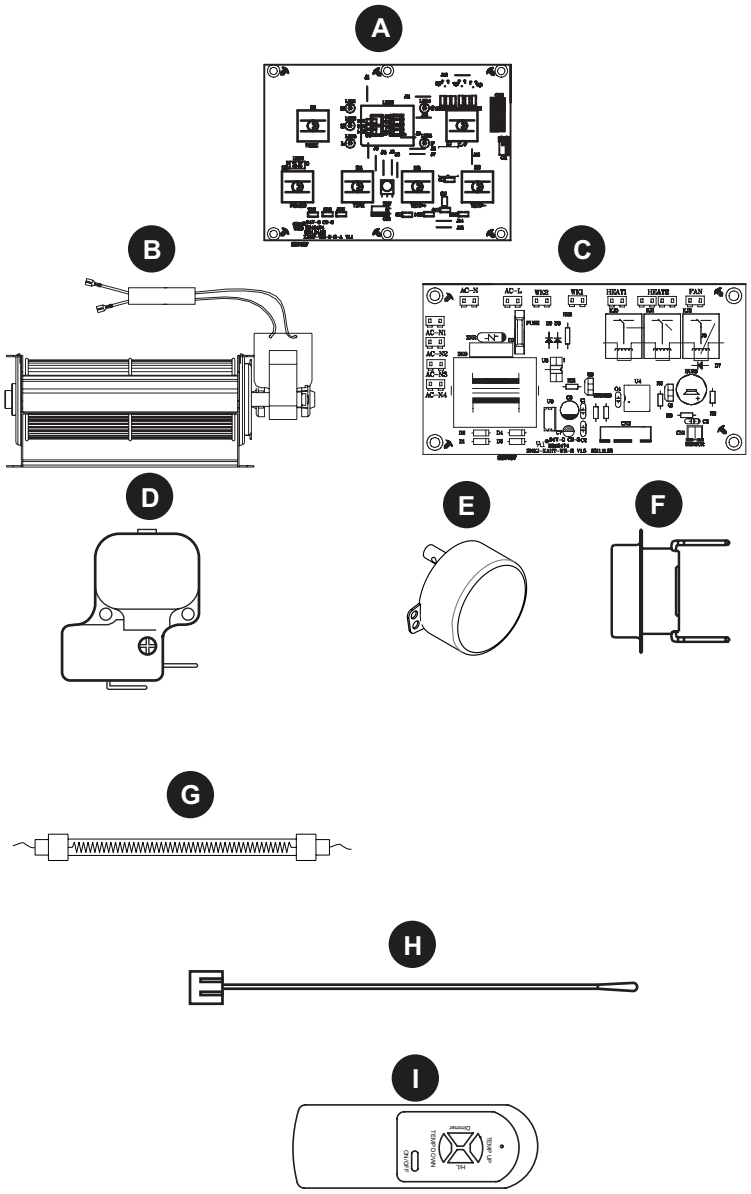
The manufacturer shall not be liable for any loss due to use (or misuse) of the heater or other incidental or consequential costs, expense or damages without irrefutable foundations. Under no circumstances shall the manufacturer or any of its representatives be held liable for injury to any person or damage to any property, however arising. Any implied warranty shall have duration equal of the applicable warranty stated above. Specifications are subject to change without notice or obligation.

This limited warranty gives the original purchaser specific legal rights. Other rights may vary from state to state.

REPLACEMENT PARTS LIST

For replacement parts, call our technical support department at 1-866-484-2066, 8 a.m. - 5 p.m., CST, Monday - Friday

PART	DESCRIPTION	PART #
A	Control panel	COPA-F
B	Fan	FAN6048
C	Power board	POBO-F
D	Tip-over switch	TIPSW
E	Spindle Motor	SMOTOR
F	Manual Thermostat	LIMITSW
G	Infrared tube	QUAR-R3
H	Thermostat Wire	SENSOR
I	Remote control	REMO-F



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